



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111227

Mode: Highway

Status: Submitted

NC-168

From/Cross Street: Virginia Line

Specific Improvement Type: 11 - Access Management

To: US 158

Project Category: Statewide Mobility

Length: 18.32

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$122,633,000

Description:

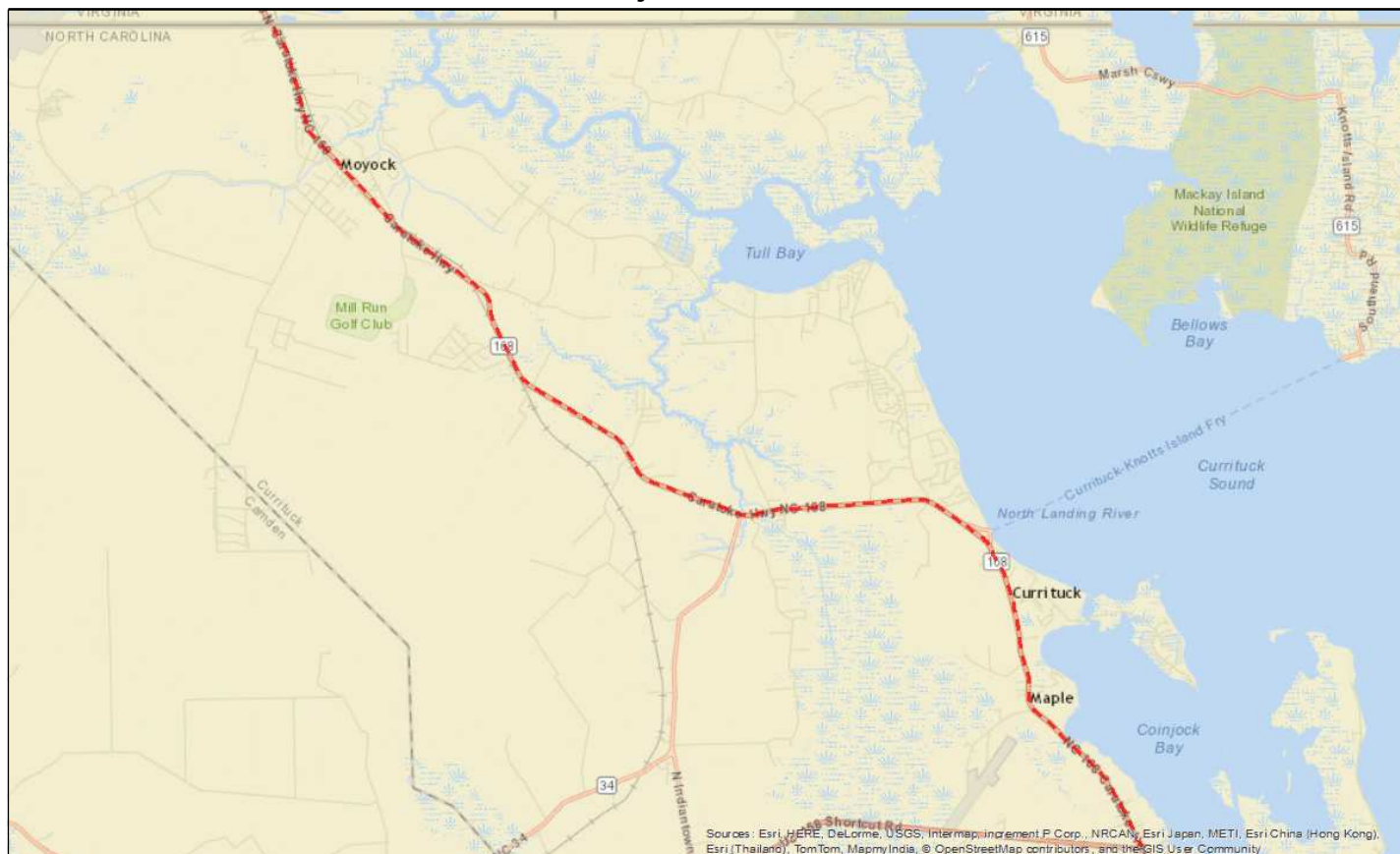
Upgrade the Existing 5-Lane Major Thoroughfare to a 4-Lane Divided Boulevard from the Virginia Line to US 158

Division(s): Division 1

County(s): CURRITUCK

MPOS(s)/RPO(s): Albemarle RPO

Project Location



Statewide Mobility Total Score: 9.26

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (30%) 0.00 Multimodal + [Freight & Military] (20%) 4.20 Safety (10%) 37.49 Economic Competitiveness (10%) 0.00 Congestion (V/C) (30%) 15.56	N/A	N/A
Totals: Weight: 100% Weighted Score: 9.26		

Regional Impact Total Score: 25.46

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.00 Congestion (V/C) (15%) 15.56 Safety (15%) 37.49 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 25.00	Percent: 15% Points: 100	Percent: 15% Points: 0
Totals: Weight: 70% Weighted Score: 10.46		

Division Needs Total Score: 7.81

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 15.56 Safety (10%) 37.49 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 25.00 [Travel Time] Benefit/Cost (10%) 0.00	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 7.81		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	18.32
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	13061.56
Capacity:	75792.37
Volume/Capacity Ratio:	0.17
% Autos:	94%
% Trucks:	6%
Truck Volume:	840.72
Crash Density:	39.92
Crash Severity:	42.34
Critical Crash Rate:	30.24
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	34
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	93
Actual Congested Speed:	52.41
Travel Time Index:	1.05

Project Benefits

Project Cross-Section:	4E - 4 Lane Divided (17'-6" Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	55
Length (miles):	18.32
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 1

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 1	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Albemarle RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$120,156,000	TIP Unit
Right-of-Way Cost:	\$2,212,000	Cost Estimation Tool
Utilities Cost:	\$265,000	Cost Estimation Tool
Total Project Cost:	\$122,633,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$122,633,000	